


Water Saving-Leak Detective


Junior River Ranger Activity



1 Water meter



The amount of water your household uses is recorded on a water meter. Not all homes have them, but if you do, ask an adult to show you where to find it and how to read it. Look and listen to check that all taps and water using devices are turned off, then don't use any water for 2 hours. Write down the water meter numbers before and after below, if they have increased this means you may have a leak. This activity = 

2 Dripping taps

Check all taps inside and outside your home for leaks. Also, check the showerhead and pipes under the kitchen sink, these can be common places for leaks. Be patient and wait a minute, the leak could be a slow drip or a trickle. Record in the table below where you have checked and if you detected any leaks. If you do find a leak, let an adult know to get it fixed. Every place you check = 



3 Leaky loo's

A leaky loo can be difficult to detect, you can use food colouring to help check. With an adults help, add a few drops of food dye to the water in your toilet cistern. Wait an hour, and make sure no one uses or flushes the toilet in that time. If you can see the colour of food dye in your toilet bowl after an hour, you have a leak. Let an adult know to get it fixed. Every toilet you check =  

Top Tip-If your adult at home is not confident in fixing leaks, tell them contact a plumber or your water company, who may fix leaks for free.



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Record your actions for every leak check you carry out at home. How many Happy Water Droplets can you save in total? Remember to tell an adult if you detect a leak.

Water meter numbers

Before..... After.....

Devices checked	Leak detected? Yes/No	Happy Water Droplets Saved
Water meter		
Bathroom sink taps		
Shower		
Bath taps		
Kitchen sink taps		
Pipes under kitchen sink		
Garden taps		
Toilets		
Total		

Add 5 Happy Water Droplets if your home is leak free!



Did you know a leaky loo can waste up to **400 litres** of water a day, that is the same as 5 full bathtubs, which could add up to **146,000 litres** a year!



If the water from all the leaky taps in the UK was collected for a year, this water could fill **184 Olympic size swimming pools.**

